FORM PTO-1449/A and B (Modified)	APPLICATION NO.:	09/805,590	ATTY. DOCKET NO.: C01104-70016	
INFORMATION DISCROSURE	FILING DATE:	March 13, 2001	CONFIRMATION NO.: 1160	
STATEMENT BY APPLICANT & AUS 0 2 2004	APPLICANT:	Kevin J. Dowling et al.		
Sheet 1 of 1	GROUP ART UNIT:	2821	EXAMINER: A, Minh D.	

RANGIARDY **U.S. PATENT DOCUMENTS** U.S. Patent Document Date of Publication or of issue Name of Patentee or Applicant of Cited Examiner's Cite of Cited Document **Document** No. Kind Initials MM-DD-YYYY Number Code MA 3,595,991 Diller 07-27-1971 07-19-1983 4,394,600 Flannagan Farrell 08-15-1989 4,857,801 5,143,442 Ishikawa et al. 09-01-1992 01-31-1995 5,386,351 **Tabor** 5,475,368 **Collins** 12-12-1995 5,541,817 Hung 07-30-1996 McIntosh et al. 11-04-1997 5,684,309 5,730,013 Huang 03-24-1998 5,838,247 Bladowski 11-17-1998 Padden 04-13-1999 5,893,631 5,894,196 **McDermott** 04-13-1999 Walters et al. 5,895,986 04-20-1999 5,961,201 Gismondi 10-05-1999 6,150,771 Perry 11-21-2000 : 6,188,181 Bl Sinha et al. 02-13-2001 6,190,018 Parsons et al. 02-20-2001 6,329,764 Bl van de Ven 12-11-2001 6,330,111 BI 12-11-2001 Myers 6,331,915 Myers 12-18-2001 2003/0107887 Al Eberl 06-12-2003 04-08-2004 (Abstract)

FOREIGN PATENT DOCUMENTS Date of Name of Patentee or Applicant of Cited Foreign Patent Document Cite Translation Examiner's Publication of Document No. Office/ Cited Document Kind (Y/N) Initials Number (not necessary) Country Code MM-DD-YYYY wo 99/30537 A1 Proquip Special Projects Limited 06-17-1999 Y WO Y 01/73818 Αl Hong 10-04-2001 DD Y 205307 DE 19651140 A1 Y DE 29607270 U1 **EXAMINER** DATE CONSIDERED

Hong

A1

20040066652

#EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>\*</sup>a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. \_\_, filed \_\_, and relied upon for an earlier filing date under 35 U.S.C. 120 (continuation, continuation-in-part, and divisional applications). 746209.1

O 1 P & CO S 1 9 2004 5 1

FORM PTO-1449/A and B (Modified APPLICATION NO.: 09/805,590 ATTY. DOCKET NO.: C01104/70016

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

Sheet 1 of 1

APPLICATION NO.: 09/805,590 ATTY. DOCKET NO.: C01104/70016

FILING DATE: March 13, 2001 CONFIRMATION NO.: 1160

APPLICANT: Kevin J. Dowling et al.

GROUP ART UNIT: 2821 EXAMINER: A, Minh D.

U.S. PATENT DOCUMENTS

Examiner's Cite No.	Cite	U.S. Patent Document		Name of Patentee or Applicant of Cited	Date of Publication or of issue	
	No.	Number	Kind Code	Document	of Cited Document MM-DD-YYYY	
MA		3,595,991		Diller	07-27-1971	
1		4,394,600		Flannagan	07-19-1983	
		4,857,801		Farrell	08-15-1989	
		5,838,247		Bladowski	11-17-1998	
		5,895,986		Walters et al.	04-20-1999	
		6,149,283		Conway et al.	11-21-2000	
		6,150,771		Perry	11-21-2000	
		6,188,181	B1	Sinha et al.	02-13-2001	
		6,273,589	B1	Weber et al.	08-14-2001	
7		6,504,301	Bl	Lowery	01-07-2003	

FOREIGN PATENT DOCUMENTS

Examiner's Cite	Cite	e Foreign Patent Document		ment	Name of Patentee or Applicant of Cited	Date of Publication of	Translation
Initials	No.	Office/ Country	Number	Kind Code	Document (not necessary)	Cited Document MM-DD-YYYY	(Y/N)
MA		DD	205307				Y
		DE .	19651140	Al	·		Y
V		DE	29607270	Ul			Y
Υ							
			<u> </u>			·	
·							

OTHER ART — NON PATENT LITERATURE DOCUMENTS

Examiner's Initials	Cite No	Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue number(s), publisher, city and/or country where published.	Transla (Y/I	

EXAMINER	1	DATE CONSIDERED ,
	Mh Dans	12/13/04

#EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1	449/A ar	nd B (Modif	ied)	APPLIC	ATION NO.: 09/805,590	ATTY. DOC	KET NO.: C01104	/70016	
			CLOSURE	FILING DATE: March 13, 2001 CONFIRMA			ATION NO.: 1160		
l /		8/	PLICANT	APPLIC	APPLICANT: Kevin J. Dowling et al.				
Sheet E	MAR 0 8 2004		GROUP	ART UNIT: 2821	EXAMINER	: A, Minh D.			
Sheet I of I				U.S. P	ATENT DOCUMENTS				
	Cite	U.S. Patent Document Number			Name of Patentee or Applica	nt of Cited	Date of Publication	on or of is	sue
Examiner's Initials	No.			Kind Code	Document	n or once	of Cited Do MM-DD-Y		
MA		5,726,53	35		Yan		03/10/1998		
		6,175,34	12 B1		Nicholson et al.		01/16/2001		
		6,577,28	37 B2		Havel		06/10/2003		
· · · · · · · · · · · · · · · · · · ·		<del> </del>							
					<u> </u>				<u> </u>
		<del> </del>	<u> </u>						
		1			<u> </u>	···			
				FOREIC	ON PATENT DOCUMENTS		Date of	ı	
Examiner's	Cite		eign Patent Docum		Name of Patentee or Applicant of Cited  Document		Publication of Tran		ation
Initials	No.	Office/ Country	Number	Kind Code	(not necessary)		Cited Document MM-DD-YYYY	(Y/N)	
						<del></del>			
· .				<del></del>					
	$\neg \neg$								
·		-							
Examiner's	Cite	Include	OTHER A	RT — NON (in CAPITA	PATENT LITERATURE DOCU AL LETTERS) title of the article (wi	MENTS nen appropriate	title of the item	Transla	tion
Initials	No (book, magazine, journal, serial, symposium			osium, catalog, etc.), date, relevant p	age(s), volume-	issue number(s),	(Y/I		
	-			publisher	, city and/or country where published	xd		T	
		<del></del> .							
								-	
				-					
EXAMINER		M,	$\mathcal{D}$ $\alpha$		DATE CONSIDEREI	2 /- /-	104		

#EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

JAN 2 6 2004 W			
FORM PTO-1449/2 and B (Modified)	APPLICATION NO.: 09/805,590	ATTY. DOCKET NO.: C01104/70016	
INFORMATION DISCLOSURE	FILING DATE: March 13, 2001	CONFIRMATION NO.: 1160	
STATEMENT BY APPLICANT	APPLICANT: Kevin J. Dowling et al.		
Sheet I of 1	GROUP ART UNIT: 2821	EXAMINER: A, Minh D.	

Examiner's Cite	Cite	U.S. Patent Doc	ument	Name of Patentee or Applicant of Cited	Date of Publication or of issue
Initials		Document	of Cited Document MM-DD-YYYY		
MA		3,740,570		Kaelin et al.	06/19/1973
		4,654,629		Bezos et al.	03/31/1987
		4,833,542		Hara et al.	05/23/1989
		5,268,828		Miura	12/07/1993
		5,471,052		Ryczek	11/28/1995
. 4		5,636,303	_	Che et al.	06/03/1997

FOREIGN PATENT DOCUMENTS

Examiner's Cit	Cite	ite Foreign Patent Document			Name of Patentee or Applicant of Cited	Date of Publication of	Translation
Initials	No.	Office/ Country	Number	Kind Code	Document (not necessary)	Cited Document MM-DD-YYYY	(Y/N)
·							
							_
		l					

OTHER ART - NON PATENT LITERATURE DOCUMENTS

Examiner's Initials	Cite No	Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue number(s), publisher, city and/or country where published.	Transla (Y/	

EXAMINER DATE CONSIDERED	
12/	13/04

#EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

OCT 2 7 ans			
FORM PTO- (Modified)	APPLICATION NO.: 09/805,590	ATTY. DOCKET NO.: C01104/70016	
INFORMATION DISCLOSURE	FILING DATE: March 13, 2001	CONFIRMATION NO.: 1160	
STATEMENT BY APPLICANT	APPLICANT: Kevin J. Dowling et al.		
Sheet 1 of 1	GROUP ART UNIT: 2821	EXAMINER: A, Minh D.	

Examiner's Initials	Cite	U.S. Patent Document		Name of Patentee or Applicant of Cited	Date of Publication or of issue	
	No.	Number	Kind Code	Document	of Cited Document MM-DD-YYYY	
MA		* US 2003/0189412	Al	Cunningham	10/09/2003	
·						

FOREIGN PATENT DOCUMENTS

Examiner's	Cite	Foreign Patent Document			Name of Patentee or Applicant of Cited	Date of Publication of	Translation
Initials	No.	Office/ Country	Number	Kind Code	Document (not necessary)	Cited Document MM-DD-YYYY	(Y/N)
•							

Examiner's Cite Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue number(s), publisher, city and/or country where published.

Translation (Y/N)

Publisher, city and/or country where published.

#EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>•</sup> a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, serial No. 09/669,121, filed September 25, 2000, and relied upon for an earlier filing date under 35 U.S.C. 120 (continuation, continuation-in-part, and divisional applications)

OCT 1 0 2003 APPLICATION NO.: 09/805,590 ATTY. DOCKET NO.: C01104/70016 FORM PT INFORMATION DISCLOSURE FILING DATE: March 13, 2001 CONFIRMATION NO.: 1160 STATEMENT BY APPLICANT Kevin J. Dowling et al. APPLICANT: **GROUP ART UNIT: 2821** EXAMINER: A, Minh D. Sheet 1 of 2

U.S. PATENT DOCUMENTS

Examiner's	Cite	Cite	U.S. Patent Do	cument	Name of Patentee or Applicant of Cited	Date of Publication or of issue
Initials	No.	Number	Kind Code	Document	of Cited Document MM-DD-YYYY	
MA		* 4,339,788		White et al.	07/13/1982	
. [		* 4,342,947		Bloyd	08/03/1982	
		* 4,455,562		Dolan et al.	06/19/1984	
		* 4,870,325		Kazar	09/26/1989	
		* 5,089,748		Ihms	02/18/1992	
		* 5,161,879		McDermott	11/10/1992	
		* 5,287,352	Α	Jackson et al.	02/15/1994	
		* 5,621,603	A	Adamec et al.	04/15/1997	
	1	* 5,688,042	Α	Madadi et al.	11/18/1997	
-	1	* 5,790,329	Α	Klaus et al.	08/04/1998	
		* 5,812,105		Van de Ven	09/22/1998	
		* 5,854,542		Forbes	12/29/1998	
		* 5,907,742		Johnson et al.	05/25/1999	
		* 6,020,825		Chansky et al.	02/01/2000	
		* 6,127,783		Pashley et al.	10/03/2000	
		* 6,183,104	Bl	Fеrrara	02/06/2001 70	
1		* 6,445,139	Bi	Marshall et al.	02/06/2001 72	
	<u> </u>	* 6,448,550	B1	Nishimura	09/10/2002 - 17	
		* 6,495,964	B1	Muthu et al.	12/17/2002	
4			1		戶高口	

FOREIGN PATENT DOCUMENTS Date of Foreign Patent Document Name of Patentee or Applicant of Cited Translation Publication of Cite Examiner's Document Office/ Cited Document (Y/N) Kind No. Initials Number (not necessary) Countr MM-DD-YYYY Code \* GB Integrated Systems Engineering, Inc. 11/04/1982 2131589 MΑ Α 06/14/1989 \* GB 2210720 Α Eric Cheng 11/24/1998 Vari-Lite, Inc. \* CA 2134848 12/12/2001 **A2** Omnilux s.r.l. \* EP 1162400 02/02/1995 No • DE 9414689 Schlumer, Heinz-Dieter No 03/27/1997 U1 Kundisch Microtech GmbH \* DE 29620583 Showers International Pty. Ltd. 02/11/1999 \* WO 99/06759 11/29/1990 Abstract Rienecker Wolfgang Prof Dr Ing \* DE 3917101 Kammerer Gmbh M 07/30/1997 Abstract A1 \* DE 19602891 Ullmann Ulo Werk 12/06/1990 **Abstract** \* DE 3916875 Abstract Kostal Leopold Gmbh & Co 10/02/1996 \* DE 19525897 09/07/1989 **Abstract** Siemens AG \* DE 03805998

	<b>†</b>	
FORM PTO-1449/A and B (Modified)	APPLICATION NO.: 09/805,590	ATTY. DOCKET NO.: C01104/70016
INFORMATION DISCLOSURE	FILING DATE: March 13, 2001	CONFIRMATION NO.: 1160
STATEMENT BY APPLICANT	APPLICANT: Kevin J. Dowling	g et al.
Sheet 2 2 6 of 2	GROUP ART UNIT: 2821	EXAMINER: A, Minh D. C 2300 4.
MADELL	<del></del>	112:

	AUTTA.					
MA	* DE	03837313		Cheng Eric	05/24/1989	Abstract
	* JP	6 43830		NEC Corp.	02/18/1994	Yes
	* DE	8902905		Siemens AG	05/17/1990	No
	* DE	205307		Buero Fuer Schutzrechte Vels Werk	12/21/1983	No
	* KR	1019910009812		Samsung Electronics Co.	11/30/1991	Abstract
	* DE	29607270	UΙ	Kador und Kollegen	08/29/1996	No
	* DE	4041338	Al	Bayerische Motoren Werke AG	07/01/1992	Abstract
	* JP	2247688			03/10/1990	No
	* DE	4419006	Al	Kella KG Hueck & Co.	12/06/1995	Abstract
	* DE	4130576	Cl	Siemens AG	03/17/1993	Abstract
	* EP	567280	Bl	Hughs Aircraft Co.	10/27/1993	
	* DE	19651140	Al	Loptique Ges Fuer Lichtsysteme	06/19/1997	Abstract
	* DE	3925767	A1	Siemens AG	04/26/1990	Abstract
	* DE	2315709		Licentia Patent-Verwaltungs	10/10/1974	No
	* DE	3438154	Al	SWF Auto Electric Gmbh	04/24/1986	Abstract
	* EP	482680	Al	N.V. Phillips	04/29/1992	
	* EP	734082	A2	Motorola, Inc.	09/25/1996	
J,	* DE	9414688	Ul	Schlumer, Heinz-Dieter	02/02/1995	No

### OTHER ART — NON PATENT LITERATURE DOCUMENTS

Examiner's Initials	Cite No	Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue number(s), publisher, city and/or country where published.			
MA		<ul> <li>Hewlett Packard Components, "Solid State Display and Optoelectronics Designer's Catalog," pp. 30-43, July 1973</li> </ul>			
<del>-   •   •   •   •   •   •   •   •   •   </del>		* INTEC Research, TRACKSPOT, http://www.intec-research.com/trackspot.htm, pp. 1-4, April 24, 2003.			
		* SHARP, Optoelectronics Data Book, pp. 1096-1097, 1994/1995			
	<del> </del> -	* About DMX-512 Lighting Protocol – Pangolin Laser Systems, pp. 1-4, April 7, 2003			
		Avitec Licht Design '89-90, pp. 1-4	No		
	1	* Dr. Ing, Ulrich Tietze, Dr. Ing, Christoph Schenk, pp. 566-569	No		
		FURRY, Kevin and SOMERVILLE, Chuck, Affidavit, LED effects, February 22, 2002, pp. 24-29.			
		* PUTMAN, Peter H., "The Allure of LED," www.sromagazine.biz, June/July 2002, pp. 47-52.			
		BREMER, Darlene, "LED Advancements Increase Potential," www.ecmag.com, April 2002, p. 115.			
<del></del>		• LONGO, Linda, "LEDS Lead the Way," Home Lighting & Accessories, June 2002, pp. 226-234.			
EXAMINER	į.	Mh Dan Date Considered 13/04			

#EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>\*</sup>a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. 09/669,121, filed September 25, 2000, and relied upon for an earlier filing date under 35 U.S.C. 120 (continuation, continuation-in-part, and divisional applications).

[NOTE - Must provide a copy of any patent, publication, other information listed, even if it was previously submitted to, or cited by, the U.S. Patent Office in an earlier application, unless the earlier application is identified by the IDS and is relied upon for an earlier filing date under 35 U.S.C. §120, and the copy was provided in the earlier application.]

	> A A	
FORM-PTO-1449/A and B (Modified)	AR: LICATION NO.: 09/805,590	ATTY. DOCKET NO.: C01104/70016
INFORMATION DISCLOSURE	ILING DATE: March 13, 2001	CONFIRMATION NO.: 1160
STATEMENT BY APPLICANT	APPLICANT: Kevin J. Dowling, et a	il.
Sheet 1 of 1	GROUP ART UNIT: 2821	EXAMINER: A., Minh D.

Examiner's	Cite	U.S. Patent Document		Name of Patentee or Applicant of Cited	Date of Publication or of issue	
Initials#	No.	Number	Kind Code	Document	of Cited Document MM-DD-YYYY	
MA		* 4,675,575		Smith, et al.	06/23/1987	
MA		* 6,252,358	B1	Xydis, et al.	06/26/2001	

### FOREIGN PATENT DOCUMENTS

Examiner's	Cite	Cite Foreign Patent Document		nent	Name of Patentee or Applicant of Cited	Date of Publication of	Translation
Initials#	No.	Office/ Country	Number	Kind Code	Document (not necessary)	Cited Document MM-DD-YYYY	(Y/N)
						30 AP	35
						3 -	30
						A.	AI.
						200 R	凹
						00	
						-3	

### OTHER ART - NON PATENT LITERATURE DOCUMENTS

	**		OTHER TREE POLICE DOCUMENTO		
اب	Examiner's	Cite	Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the		
	Initials#	No	item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue		
			number(s), publisher, city and/or country where published.		
		<del>                                     </del>			
		L		<del>                                     </del>	
	<u>.</u>				_

				·
EXAMINER	1		DATE CONSIDERED	1
	Much	Via A	12/13	104
		V		7 7

#EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

\*a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. 09/333,739, filed June 15, 1999, and Serial No. 09/669.121, filed September 25, 2000 and relied upon for an earlier filing date under 35 U.S.C. 120 (continuation, continuation-in-part, and divisional applications).

	; 	- (	MARTI		·		
	0-1449/A and B (M	lodifi	Š	APPLICATION NO.: 09/805,590	ATTY. DOCKET NO.: C01104/70016		
INF	ORMATION	DIS	CEOSMAN	FILING DATE: March 13, 2001	FILING DATE: March 13, 2001		
STATEMENT BY APPLICANT				APPLICANT: Kevin J. Dowling, et al.			
			-	GROUP ART UNIT: 2821	EXAMINER: A., Minh D		
Sheet	1	of	1				

Examiner's Initials#	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited	Date of Publication or of issue	
		Number	Kind Code	Document	of Cited Document MM-DD-YYYY	
MA		*4,824,269		Havel	April 25, 1989	
					15	
					СН	
					10L ## KE	
				RECEIVED	CF R 2	
					CI CI	
				MAR 2 4 2003	NI 23 E	
				OFFICE OF PETITIONS	1. R	
				002 07	280	

OTHER ART — NON PATENT LITERATURE DOCUMENTS

Examiner's	Cite	Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the	Translation (Y/N)						
Initials#	No	item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue							
		number(s), publisher, city and/or country where published.	<u> </u>						
		*Case No. 6:02-cv-270-ORL-19JGG in the United States District Court, Middle District of Florida,	-						
MA		Orlando Division, Plaintiff's Amended Verified Complaint	<u> </u>						
		*Case No. 6:02-cv-270-ORL-19JGG in the United States District Court, Middle District of Florida,							
1		Orlando Division, Defendant's Answer and Counterclaims							
		*Case No. 6:02-cv-270-ORL-19JGG in the United States District Court, Middle District of Florida,							
1		Orlando Division, Plaintiff's Answer to Counterclaims	1						
		*Case No. 6:02-cv-270-ORL-19JGG in the United States District Court, Middle District of Florida,							
}	Ì	Orlando Division, Plaintiff's Answers to Defendant's First Set of Interrogatories w/Exhibit 1							
		*Case No. 02 CV 11137MEL in the United States District Court, District of Massachusetts,							
{	1	Plaintiff's Complaint and Jury Demand							
		*Case No. 02 CV 11137MEL in the United States District Court, District of Massachusetts,							
		Defendant's Answer and Affirmative Defenses							

EXAMINER	Mah	Dru H	DATE CONSIDERED 12/13/04	
		•	7 7 7	

#EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>\*</sup>a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. 09/669,121, filed September 25, 2000, and relied upon for an earlier filing date under 35 U.S.C. 120 (continuation, continuation-in-part, and divisional applications).

APPLICATION NO.:

2

O.: 09/805,59

2821

ATTY. DOCKET NO.: C01104/70016

MAR 0 6 2003

INFORMATION DISCLOSURE MAR O STATEMENT BY APPLICANT

of

FILING DATE:

APPLICANT:

March 13, 2001

Kevin J. Dowling, et al.

GROUP ART UNIT:

EXAMINER: A., Minh D.

DEMAS

U.S. PATENT DOCUMENTS

Examiner's	Cite	U.S. Patent Docu	ment	Name of Patentee or Applicant of Cited	Date of Publication or of issue	
Initials# No.		Number	Kind Code	Document	of Cited Document MM-DD-YYYY	
MA		* US 2002/0047624	A1	Stam, et al.	04/25/2002	
		* 4,070,568		Gala	01/24/1978	
		* 4,271,408		Teshima, et al.	06/02/1981	
•		* 4,597,033		Meggs, et al.	06/24/1986	
		* 4,794,383		Havel	12/27/1988	
Y.		<b>*</b> 4,857,801		Farreii	08/15/1989	
		* 5,008,788		Palinkas	04/16/1991	
		* 5,036,248		McEwan, et al.	07/30/1991	
		* 5,038,255		Nishihashi, et al.	08/06/1991	
		* 5,122,733		Havel	06/16/1992	
		+ 5,130,909		Gross	07/14/1992	
		* 5,278,542		Smith, et al.	01/11/1994	
		* 5,283,517		Havel	02/01/1994_ 70	
		* 5,298,871		Shimohara	02/01/1994_ 72	
		* 5,375,043		Tokunaga	12/20/1994 5 17	
		* 5,381,074		Rudzewicz, et al.	01/10/1995	
		* 5,436,853		Shimohara	07/25/1995	
		* 5,450,301		Waltz, et al.	09/12/1995	
		* 5,475,300		Havel	12/12/1995	
		* 5,493,183		Kimball	02/20/1996	
		<b>*</b> 5,519,496		Borgert, et al.	05/21/1996	
		* 5,559,681		Duarte	09/24/1996	
		<b>*</b> 5,614,788	1 0 0 7	Mullins, et al.	03/25/1997	
		* 5,634,711		Kennedy, et al.	06/03/1997	
		<b>*</b> 5,656,935		Havel	08/12/1997	
		<b>*</b> 5,712,650		Barlow	01/27/1998	
<u>.</u>		<b>*</b> 5,836,676		Ando, et al.	11/17/1998	
		<b>*</b> 5,924,784		Chliwnyj, et al.	07/20/1999	
		* 5,927,845		Gustafson, et al.	07/27/1999	
٢		* 5,980,064		Metroyanis	11/09/1999	
		* 6,069,597		Hansen	05/30/2000	
,		* 6,181,126	Bl	Havel	01/30/2001	
		* 6,273,338	B1	White	08/14/2001	
		<b>*</b> 6,310,590	B1	Havel	10/30/2001	
71		<b>*</b> 6,323,832	B1	Nishizawa, et al.	11/27/2001	

rorm pto	-1449/A and E	3 (Modified)			APPLICATION NO.:	09/805,59	ATTY. DOCKE	T NO.: 201704/70616
INFO	ORMATIO	N DISCI	LOSURE	•	FILING DATE:	March 13, 2001		MAR 0 6 202
STATEMENT BY APPLICANT			APPLICANT:	Kevin J. Dowling	, et al.	TAN U AUG		
<u> </u>		-T . T			GROUP ART UNIT:	2821	EXAMINER:	A., Minh Danes
Sheet	2	of	2					·

FOREIGN PATENT DOCUMENTS

Examiner's	ner's Cite Doc	Cite Foreign Patent Document		Name of Patentee or Applicant of Cited	Date of Publication of	Translation	
Initials#		Document (not necessary)	Cited Document MM-DD-YYYY	(Y/N)			
MA			* FR 2 640 791			06/22/1990	
			* JP 03045166			02/26/1991	
			* WO 02/061328	Al		08/08/2002	
V y							
		•					

OTHER ART - NON PATENT LITERATURE DOCUMENTS

Examiner's Initials#	Cite No	Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue	Translatio (Y/N)
IIIIIIIII	140	number(s), publisher, city and/or country where published.	(1/14)
		14 C.28	22
		ar Ou	0
		) MA	EIV
		20	
		R00	

EXAMINER	1.	_	DATE CONSIDERED			•
	Mh	Down	12	113	104	

#EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

\* a copy of this reference is not provided as it was previously cited by or submitted to the office in prior applications:

Serial No. 09/669,121, filed September 25, 2000; Serial No. 09/425,770, filed October 22, 1999; Serial No. 08/920,156, filed August 26, 1997; Serial No. 09/213,540, filed December 17, 1998; Serial No. 09/213,581, filed December 17, 1998; Serial No. 09/213,548, filed December 17, 1998; Serial No. 09/213,548, filed December 17, 1998; Serial No. 09/815,418, filed March 22, 2001; Serial No. 09/213,657, filed December 17, 1998; Serial No. 09/213,537, filed December 17, 1998; Serial No. 09/213,537, filed December 17, 1998;

which are relied upon for an earlier filing date under 35 U.S.C. 120 (continuation, continuation-in-part, and divisional applications).

Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

6

APPLICATION NO.: 09/805,590 ATTY. DOCKET NO.: C01104/70016

FILING DATE:

March 13, 2001

APPLICANT:

Kevin J. Dowling, et al.

GROUP ART UNIT: 2821

EXAMINER: D.A. Minh

**U.S. PATENT DOCUMENTS** 

Examiner's	Cite	U.S. Patent Docu	ment	Name of Patentee or Applicant of Cited	Date of Publication or of issue	
Lxaminer's Initials#	No.	Number	Kind Code	Document	of Cited Document MM-DD-YYYY	
MA		* US 2001/0033488	A1	Chliwnyj, et al.	10/25/2001	
		* Re. 36,030		Nadeau	01/05/1999	
		* 2,909,097		A.E. Alden, et al.	10/20/1959	
		* 3,318,185		Kott	05/09/1967	
		* 3,561,719		Grindle	02/1971	
		* 3,586,936		McLeroy	06/22/1971	
		* 3,601,621		Ritchie	08/24/1971	
		* 3,643,088		Osteen, et al.	02/1972	
		* 3,746,918		Drucker, et al.	07/17/1973	
	_	* 3,818,216		Larraburu	06/18/1974	
		* 3,832,503		Crane	08/27/1974	
		* 3,858,086		Anderson, et al.	12/31/1974	
		* 3,909,670		Wakamatsu, et al.	09/30/1975	
		* 3,924,120		Cox, III	12/02/1975	
		* 3,958,885		Stockinger, et al.	05/25/1976	
		* 3,974,637		Bergey, et al.	08/17/1976	
		* 4,001,571		Martin	01/04/1977	
		* 4,054,814		Fegley, et al.	10/18/1977	
		* 4,082,395		Donato, et al.	04/04/1978	
		* 4,096,349		Donato	06/20/1978	
		* 4,241,295	I	Williams, Jr.	12/23/1980	
		* 4,272,689		Crosby, et al.	06/09/1981	
		* 4,273,999		Pierpoint	06/16/1981	
		* 4,298,869		Okuno	11/03/1981	
		* 4,367,464		Kurahashi, et al.	12/04/1983	
		* 4,388,567		Yamazaki, et al.	06/14/1983	
		* 4,388,589		Molldrem, Jr.	06/14/1983	
		* 4,392,187		Bornhorst	07/05/1983	
		* 4,420,711		Takahashi, et al.	12/13/1983	
		* 4,500,796		Quin	02/19/1985	
		* 4,622,881		Rand	11/18/1986	
		* 4,625,152		Nakai	11/25/1986	
		* 4,635,052		Aoike, et al.	01/06/1987	
		• 4,647,217		Havel	03/03/1987	
1		* 4,668,895		Schneiter	05/26/1987	

Sheet

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

016

6

DET 1. 8 2002 J

APPLICATION NO.: 09/805,590

ATTY. DOCKET NO.: C01104/70016

FILING DATE:

March 13, 2001

APPLICANT:

Kevin J. Dowling, et al.

GROUP ART UNIT:

2821

EXAMINER: D.A. Minh

MADENT \* 4,682,079 Sanders, et al. 07/21/1987 MA \* 4,686,425 Havel 08/11/1987 \* 4,687,340 Havel 08/18/1987 \* 4,688,154 Nilssen 08/18/1987 \* 4,688,869 Kelly 08/25/1987 Schweickardt 09/22/1987 \* 4,695,769 Head, et al. 10/20/1987 \* 4,701,669 \* 4,705,406 Havel 11/10/1987 Havel 11/17/1987 \* 4,707,141 Uchida 02/23/1988 \* 4,727,289 Miller 04/26/1988 \* 4,740,882 \* 4,753,148 Johnson 06/28/1988 Havel 09/13/1988 \* 4,771,274 10/25/1988 \* 4,780,621 Bartleucci, et al. Mohebban \* 4,818,072 04/04/1989 White 06/06/1989 \* 4,837,565 \* 4,843,627 Stebbins 06/27/1989 \* 4,845,481 Havel 07/04/1989 Havel 07/04/1989 \* 4,845,745 Weissenbach, et al. 09/05/1989 \* 4,863,223 \* 4,874,320 Freed, et al. 10/17/1989 \* 4,887,074 Simon, et al. 12/12/1989 \* 4,922,154 Cacoub 05/01/1990 Havel \* 4,934,852 06/19/1990 **\*** 4,962,687 Belliveau, et al. 10/16/1990 Havel 10/23/1990 \* 4,965,561 \* 4,973,835 Kurosu, et al. 11/27/1990 Leach, et al. **\*** 4,979,081 12/18/1990 Taylor, et al. 12/25/1990 \* 4,980,806 Nilssen 03/26/1991 \* 5,003,227 04/23/1991 \* 5,010,459 Taylor, et al. Freed \* 5,027,262 06/25/1991 Von Kohorn 07/23/1991 \* 5,034,807 \* 5,072,216 Grange 12/10/1991 Tulk, et al. 01/07/1992 \* 5,078,039 \* 5,083,063 **Brooks** 01/21/1992 \* 5,126,634 Johnson 06/30/1992 **\*** 5,128,595 Нага 07/07/1992

Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

6

OCT 1 8 2002

APPLICATION NO.: 09/805,590

ATTY. DOCKET NO.: C01104/70016

FILING DATE:

March 13, 2001

APPLICANT:

Kevin J. Dowling, et al.

GROUP ART UNIT:

2821

EXAMINER: D.A. Minh

	MADEMAN		
MA	* 5,134,387	Smith, et al.	07/28/1992
\ \	* 5,142,199	Elwell	08/25/1992
`\	* 5,154,641	McLaughlin	10/13/1992
	* 5,164,715	Kashiwabara, et al.	11/17/1992
	* 5,184,114	Brown	02/02/1993
	* 5,194,854	Havel	03/16/1993
	* 5,209,560	Taylor, et al.	05/11/1993
	* 5,225,765	Callahan, et al.	07/06/1993
	* 5,226,723	Chen	07/13/1993
	* 5,254,910	Yang	10/19/1993
	* 5,256,948	Boldin, et al.	10/26/1993
	* 5,282,121	Bornhorst, et al.	01/25/1994
	* 5,294,865	Haraden	03/15/1994
	* 5,307,295	Taylor, et al.	04/26/1994
	* 5,329,431	Taylor, et al.	07/12/1994
	* 5,350,977	Hamamoto, et al.	09/27/1994
	* 5,357,170	Luchaco, et al.	10/18/1994
	* 5,371,618	Tai, et al.	12/06/1994
	* 5,374,876	Horibata, et al.	12/20/1994
	* 5,388,357	Malita	02/14/1995
	* 5,402,702	Hata	04/04/1995
	* 5,404,282	Klinke, et al.	04/04/1995
	* 5,406,176	Sugden	04/11/1995
	* 5,410,328	Yoksza, et al.	04/25/1995
	* 5,412,284	Moore, et al.	05/02/1995
	* 5,412,552	Fernandes	05/02/1995
	* 5,421,059	Leffers, Jr.	06/06/1995
	* 5,432,408	Matsuda, et al.	07/11/1995
	* 5,436,535	Yang	07/25/1995
	* 5,461,188	Drago, et al.	10/24/1995
	* 5,463,280	Johnson	10/31/1995
	* 5,465,144	Parker, et al.	11/07/1995
	* 5,489,827	Xia	02/06/1996
	* 5,491,402	Small	02/13/1996
	* 5,504,395	Johnson, et al.	04/02/1996
	* 5,545,950	Cho	08/13/1996
	* 5,561,346	Byrne .	10/01/1996
1	* 5,575,459	Anderson	11/19/1996

APPLICATION NO.: 09/805,590

ATTY. DOCKET NO.: C01104/70016

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

FILING DATE: March 13, 2001

APPLICANT:

Kevin J. Dowling, et al.

Sheet 4 5 6

GROUP ART UNIT: 2821 EXAMINER: D.A. Minh

T. CO	& TRADEWIS		<u>.</u>	
MA	* 5,575,554		Guritz	11/19/1996
	* 5,592,051		Korkala	01/07/1997
	* 5,640,061		Bornhorst, et al.	06/17/1997
	* 5,642,129		Zavracky, et al.	06/24/1997
	* 5,673,059		Zavracky, et al.	09/30/1997
	* 5,701,058		Roth	12/23/1997
	* 5,721,471		Begemann, et al.	02/24/1998
	* 5,734,590		Tebbe	03/31/1998
	* 5,751,118		Mortimer	05/12/1998
	* 5,752,766		Bailey, et al.	05/19/1998
	* 5,769,527		Taylor, et al.	06/23/1998
	* 5,803,579		Turnbull, et al.	09/08/1998
	* 5,808,689		Small	09/15/1998
	* 5,821,695		Vilanilam, et al.	10/13/1998
	* 5,848,837		Gustafson	12/15/1998
	*5,850,126		Kanbar	12/15/1998
	* 5,852,658		Knight, et al.	12/22/1998
	* 5,859,508		Ge, et al.	01/12/1999
	* 5,896,010		Mikolajczak, et al.	04/20/1999
	* 5,946,209		Eckel, et al.	08/31/1999
	* 5,952,680		Strite	09/14/1999
	* 5,959,547		Tubel, et al.	09/28/1999
	* 5,963,185		Havel	10/05/1999
	* 5,974,553		Gandar	10/26/1999
	* 6,008,783		Kitagawa, et al.	12/28/1999
	* 6,018,237		Havel	01/25/2000
	* 6,025,550		Kato	02/15/2000
	<b>*</b> 6,031,343		Recknagel, et al.	02/29/2000
	* 6,068,383		Robertson, et al.	05/30/2000
	* 6,072,280		Allen	06/06/2000
	* 6,097,352		Zavracky, et al.	08/01/2000
	* 6,132,072		Turnbull, et al.	10/17/2000
	* 6,183,086		Neubert	02/06/2001
	* 6,215,409	Bl	Blach	04/10/2001
	* 6,250,774	B1	Begemann, et al.	06/26/2001
	* 6,292,901	Bl	Lys, et al.	09/18/2001
	* 6,340,868	Bl	Lys, et al.	01/22/2002
- 1	* 6,459,919	BI	Lys, et al.	10/01/2002

Sheet

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

007,1 8 2002 y

	APPL	ICATI	ON NO.:	09/805,	59(
--	------	-------	---------	---------	-----

ATTY. DOCKET NO.: C01104/70016

FILING DATE:

March 13, 2001

2821

APPLICANT:

Kevin J. Dowling, et al.

GROUP ART UNIT:

EXAMINER: D.A. Minh

### FOREIGN PATENT DOCUMENTS

Examiner's	Cite No.	Foreign Patent Document		ent	Name of Patentee or Applicant of Cited	Date of Publication of	Translation
Initials#		Office/ Country	Number	Kind Code	Document (not necessary)	Cited Document MM-DD-YYYY	(Y/N)
MA			* AU 6 267 9			12/30/1996	
		,	* CA 2 178 432			12/08/1996	
			* EP 0495305	A2		07/22/1992	
			* EP 0534710	B1		01/17/1996	
			* EP 0752632	A2		01/08/1997	
			* EP 0752632	A3		08/20/1997	
			* EP 0823812	A2		02/11/1998	
			* EP 0935234	A1		08/11/1999	
			* EP 0942631	A2		09/15/1999	
			* EP 1020352	A2		07/19/2000	
			• EP 1113215	A2		07/04/2001	
			* FR 88 17359			12/21/1998	
			* GB 2045098	A		10/29/1980	
			* GB 2176042	Α		12/10/1986	
			* JP 06043830			02/18/1994	
			* JP 9 320766			12/12/1997	
			* JP 7-39120			07/14/1995	
			* JP 8-106264			04/23/1996	
			* WO 89/05086			06/01/1989	
			* WO 94/18809			08/18/1994	
			* WO 95/13498			05/18/1995	
1			* WO 96/41098			12/19/1996	

OTHER ART – NON PATENT LITERATURE DOCUMENTS

Cite No	Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue number(s), publisher, city and/or country where published.	
	* "LM117/LM317A/LM317 3-Terminal Adjustable Regulator", National Semiconductor Corporation, May 1997, pp. 1-20	
	* "DS96177 RS-485 / RS-422 Differential Bus Repeater", National Semiconductor Corporation, February 1996, pp. 1-8	
	* "DS2003 / DA9667 / DS2004 High Current / Voltage Darlington Drivers", National Semiconductor Corporation, December 1995, pp. 1-8	
		No item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue number(s), publisher, city and/or country where published.  * "LM117/LM317A/LM317 3-Terminal Adjustable Regulator", National Semiconductor Corporation, May 1997, pp. 1-20  * "DS96177 RS-485 / RS-422 Differential Bus Repeater", National Semiconductor Corporation, February 1996, pp. 1-8  * "DS2003 / DA9667 / DS2004 High Current / Voltage Darlington Drivers", National

-	· ) *			·
_	FORM PTO-1449/A and B (Modified)	APPLICATION NO.:	09/805,590	ATTY. DOCKET NO.: C01104/70016
	INFORM NO POLSCLOSURE	FILING DATE:	March 13, 2001  Kevin J. Dowling, et al.	
	STATEMENT BY APPLICANT	APPLICANT:		
	Sheet 2.6 of \$7 6	GROUP ART UNIT:	2821	EXAMINER: D.A. Minh
ı	Sheet of of 6			<u> </u>

	PRADE	
MA	***LM140A / LM140 / LM340A / LM7800C Series 3 – Terminal Positive Regulators", National Semiconductor Corporation, January 1995, pp. 1-14	
1		
	* High End Systems, Inc., Trackspot User Manual, August 1997, Excerpts (Cover, Title page, pp. ii through iii and 2-13 through 2-14)	
	* Artistic License, AL4000 DMX512 Processors, Revision 3.4, June 2000, Excerpts (Cover, pp. 7,92	<del></del>
	through 102)	<u> </u>
<b></b>		
	* Artistic License, Miscellaneous Drawings (3 sheets) January 12, 1995	
	* Artistic License, Miscellaneous Documents (2 sheets February 1995 and April 1996)	
	* Newnes's Dictionary of Electronics, Fourth Edition, S.W. Amos, et al., Preface to First Edition, pp. 278-279	
	* "http://www.luminus.cx/projects/chaser", (November 13, 2000), pp. 1-16	
	Co-Pending Application Serial No. 09/971,367, filed October 4, 2001, entitled "Multicolored LED Lighting Method and Apparatus," our File No. C01104/70082.	_
<u> </u>	1124100 allo 1 ppadisus, Val 1 110 110, SUI 10 17 10002.	

EXAMINER	1	DATE CONSIDERED	
	Mach Bons	12/13/	04
• •			7

#EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

\* a copy of this reference is not provided as it was previously cited by or submitted to the office in prior applications:

Serial No. 09/669,121, filed September 25, 2000;
Serial No. 09/425,770, filed October 22, 1999;
Serial No. 08/920,156, filed August 26, 1997;
Serial No. 09/213,540, filed December 17, 1998;
Serial No. 09/213,540, filed December 17, 1998;
Serial No. 09/213,581, filed December 17, 1998;
Serial No. 09/213,581, filed December 17, 1998;
Serial No. 09/213,548, filed December 17, 1998;
Serial No. 09/213,548, filed December 20, 2000;
Serial No. 09/742,017, filed December 20, 2000;
Serial No. 09/742,017, filed December 17, 1998;
Serial No. 09/213,537, filed December 17, 1998;
Serial No. 09/213,607, filed December 17, 1998;

which are relied upon for an earlier filing date under 35 U.S.C. 120 (continuation, continuation-in-part, and divisional applications).